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UNITED STATES DEPARTMENT OF AGRICULTURE

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

1925–1926

OFFICE OF EXPERIMENT STATIONS

MISCELLANEOUS CIRCULAR No. 58

UNITED STATES DEPARTMENT OF AGRICULTURE
MISCELLANEOUS CIRCULAR No. 58
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WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

By MARY A. AGNEW
Office of Experiment Stations

1925–1926

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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architecture.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry.
Biol., Biology, Biologist, Biological.
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Comp., Comparative.
Comn., Commission.
Comr., Commissioner.
Consult., Consulting.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Econ., Economy,Economic, Economics,Economist.
Ed., Education.
Ele., Elementary.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Erad., Eradication.
Expt., Experiment, Experimentalist, Experimental.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening.
Gen., General.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inpection, Inspector.
Instr., Instructor.
Insts., Institutes.
Invest., Investigations, Investigational.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
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Microbiol., Microbiology, Microbiologist.
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Org., Organic.
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Path., Pathology, Pathologist.
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Pharm., Pharmacy, Pharmacist, Pharmaceutical.
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Phys., Physics, Physical.
Physiol., Physiology, Physiologist, Physiological.
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Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Roms.
Sci., Science, Scientific.
Sec., Section.
Secy., Secretary.
Secon., Secondary.
Sociol., Sociology.
Sta., Station.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technology, Technologist, Technical.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
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NOTE—In the preparation of this publication Miss Agnew was assisted by Miss Betty T. Richardson, of the Office of Experiment Stations.

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A key to the abbreviations used is given on page III.

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†Harold Compere, *Asst. Ent.* (*P. O., Riverside*).
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‡W. R. Ralston, B. S., *Asst. State Club Leader*
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[1] On leave.
[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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*†C. D. Learn, M. A., *Asst. Prof. and Asst. Bot.*
†E. L. LeClerg, M. S., *Asst. Plant Path.*
*†Anna M. Lute, B. S., *Instr. Bot.; Seed Analyst.*
*†E. C. McCarty, B. S., *Asst. Prof. and Asst. Bot.*
*†Caroline M. Preston, *Artist.*

Chemistry:
†W. P. Headden, Ph. D., D. Sc., *Chem.*
*Mary E. Brown, B. S., *Instr. Chem.*
*R. G. Coffin, B. S., *Assoc. Prof. Chem.*
†Earl Douglass, M. S., *Assoc. Chem.*
*Beatrice J. Geiger, B. S., *Asst. Prof. Chem.*
*N. J. Harrar, B. S., *Instr. Chem.*
*K. G. Irwin, M. S., *Instr. Chem.*
*C. G. H. Johnson, A. M., *Instr. Chem.*
*W. E. Pyke, A. B., *Instr. Chem.*
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*G. H. Whiteford, Ph. D., *Prof. Chem.*
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*†R. T. Burdick, M. S., *Assoc. Prof. Rural Econ. and Sociol.; Assoc. in Rural Econ.*
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*†‡I. G. Kinghorn, *Pub. Editor.*

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*Margaret E. Durward, Ph. B., *Prin. School of Agr.*
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*†O. V. Adams, M. S. E., *Testing Engin.*
‡F. L. Cooper, B. S., *Agr. Engin. Specialist.*

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*O. P. Pennock, M. S., *Assoc. Prof. Irrig. Engin.*
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†G. S. Langford, M. S., *Asst. Deputy State Ent.*
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‡C. A. Lee, *Farm For. Specialist.*
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*Inga M. K. Allison, E. B., *Head of Div.*
*Charlotte E. Carpenter Ph. B., *Assoc. Prof. Home Econ.*
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†F. M. Green, B. S., *Asst. Hort.* (*Chief Deputy State Hort.: P. O., Delta*).
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*F. G. Person, A. M., *Head of Dept.*
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*†W. H. Feldman, D. V. M., *Asst. Prof. and Asst. in Vet. Path.*
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P. K. Blinn, B. S., *Alfalfa Invest.*
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†L. F. Rettger, Ph. D., *Bact. in An. Diseases* (*P. O., Yale Sta.*).
†J. G. McAlpine, Ph. D., *Asst. Bact. in An. Diseases.*
*Christie J. Mason, B. Agr., *Instr. Bact.*

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*E. W. Sinnott, Ph. D., *Prof. Bot. and Genetics. Dean Div. of Agr. Sci.*
*G. S. Torrey, A. M., *Assoc. Prof. Plant Path*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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- †H. J. Fisher, B. A., *Chem. (P. O., New Haven).*
- *J. L. Hughes, A. M., *Asst. Prof. Chem.*
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- ‡A. R. Merrill, B. S., *Dairy Specialist.*

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- *‡A. W. Manchester, B. Agr., A. B., *Prof. Farm Mgt., Farm Mgt. Dem.*
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- †L. C. Dunn, Sc. D., *Geneticist (Poultry).*
- ‡R. E. Jones, *Poultry Specialist.*
- †Walter Landauer, Ph. D., *Asst. Geneticist (Poultry).*
- *D. E. Warner, jr., B. S., *Asst. Prof. Poultry Husb.*

Veterinary Science:
- *B. K. Dow, V. S., *Lect. in Vet. Sci.*

Zoology:
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- *‡L. B. Crandall, B. S., *Prof. and Apiculture Specialist.*
- *J. A. Manter, B. S., *Instr. Ent.*
- *†A. F. Schulze, M. S., *Instr. and Asst. Zool.*

Miscellaneous:
- *R. E. Dodge, M. A., *Dean Two-Year Course in Agr.*
- *Edwina M. Whitney, Ph. B., *Libr.*

Connecticut State Agricultural Experiment Station, *New Haven*

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- †Florence A. McCormick, Ph. D., *Path.*
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- †R. C. Botsford, *Deputy in charge Mosquito Elimination.*
- †R. B. Friend, B. S., *Asst. Ent.*
- †Philip Garman, Ph. D., *Asst. Ent.*
- †B. H. Walden, B. Agr., *Asst. Ent.*
- †M. P. Zappe, B. S., *Asst. Ent.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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†H. W. Hicock, M. F., *Asst. For.*

Genetics:
†D. F. Jones, S. D., *Geneticist in charge.*
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Soils:
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Miscellaneous:
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Substations:
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*†G. L. Schuster, M. S., *Prof. Agron.; Agron.*
*†J. M. Graham, B. S., *Instr. and Asst. Agron.*
*†C. R. Runk, M. S., *Asst. Prof. and Asst. Agron.*

Animal Industry:
*†C. C. Palmer, D. V. M., M. S., *Prof. An. Indus., Bact.; Vet.*
*T. A. Baker, B. S., *Prof. An. Husb.*
†A. E. Tomhave, M. S., *An. Husb.*
*†H. R. Baker, M. S., *Asst. Prof. Biol.; Research Asst. in Poultry Diseases.*
*Margaret Clarihew, A. B., *Asst. in Biol.*
*Marion McKinney, A. B., *Instr. Biol.*
†C. W. Mumford, *Supt. of Poultry Plant.*
‡H. S. Palmer, B. S., *Poultry Specialist.*

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†G. L. Baker, M. S., *Asst. Chem.*
†L. E. Blackman, M. S., *Asst. Chem.*

Economics (Agr.):
*†C. L. Benner, Ph. D., *Prof. Agr. Econ.; Agr. Econ.*

Education (Agr.):
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Entomology:
†H. L. Dozier, Ph. D., *Ent.*

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*Elizabeth G. Kelly, A. M., *Instr. Home Econ.*
*Susan D. Spencer, Ph. B., *Instr. Home Econ.*

Horticulture:
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†F. S. Lagassé, M. S., *Asst. Hort.*

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†‡J. F. Adams, Ph. D., *Assoc. Plant Path. and Specialist in Truck Crops and Plant Path.*

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*D. A. Callinder, *Instr. Mech. Arts.*
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*L. G. Laws, *Dir. Mech. Arts.*
*A. T. Wood, B. S., *Dir. of Agr.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Given in the Women's College.

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*O. C. Bryan, Ph. D., *Asst. Prof. Agron.*
*H. G. Hamilton, M. S., *Instr. Farm Mgt.*
†W. A. Leukel, Ph. D., *Asst. Grass and Forage Crop Specialist.*
†W. E. Stokes, M. S., *Grass and Forage Crop Specialist.*

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*N. W. Sanborn, M. D., *Prof. Poultry Husb.*
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‡N. R. Mehrhof, B. S., M. Agr., *Poultry Specialist.*
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Engineering (Agr.):
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†H. E. Bratley, M. S., *Lab. Asst.* (*Pecan Invest.*).
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‡M. R. Ensign, M. S., *Ext. Ent. and Plant Path.*
†L. O. Gratz, Ph. D., *Asst. Plant Path.* (*P. O., Hastings*).
*John Gray, M. S., *Asst. Prof. Plant Path. and Econ. Ent.*
†D. G. A. Kelbert, *Field Asst. in Plant Path.*
†W. A. Kuntz, Ph. D., *Asst. Plant Path.* (*Coop. U. S. D. A.: P. O., Lake Alfred*).
†K. W. Loucks, B. S., *Asst. Plant Path.*
†A. S. Rhoads, Ph. D., *Asst. Plant Path.* (*P. O., Cocoa*).
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†Erdman West, B. S., *Asst. Plant Path.*

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†R. M. Crown, B. S., *Field Asst. in Cotton Invest.*

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†D. A. Sanders, B. S., D. V. M., *Asst. Vet.*

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*†‡K. H. Graham, *Auditor.*
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*Cora Miltimore, B. S., *Libr.*
†Henry Ziegler, *Farm Foreman.*

Substations:
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Everglades Expt. Sta., *P. O., Belle Glade*—
M. A. Baker, B. S., *Field Asst.*
G. E. Tedder, *Foreman.*
Tobacco Expt. Sta., *P. O., Quincy*—
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J. G. Kelley, B. S., *Lab. Asst.*
Jesse Reeves, *Foreman.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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*Paul Tabor, M. S., *Assoc. Prof. Agron. in charge Farm Crops.*
‡Kenneth Treanor, B. S., *Farm Crops Specialist.*
*P. O. Vanatter, *Supt. Field Expts.*
‡F. C. Ward, B. S., *Cotton Specialist.*

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*‡M. P. Jarnagin, D. Sc., *Prof. An. Husb.*
*‡J. H. Wood, B. S., *Prof. Poultry Husb.*
*F. W. Bennett, B. S., *Assoc. Prof. Dairy Husb.*
‡F. W. Fitch, B. S., *Field Agt. in Dairy Husb.*
*C. E. Kellogg, M. S., *Assoc. Prof. An. Husb.*
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‡L. H. Marlatt, *Field Agt. in Cheese Prod. (Coop. U. S. D. A.).*
‡F. E. Mitchell, B. S., *Poultry Specialist.*
*W. S. Rice, B. S., *Assoc. Prof. An. Husb.*
*H. O. Woodward, B. S., *Adjunct Prof. Poultry Husb.*

Botany:

*J. M. Reade, Ph. D., *Prof. Bot.*

Chemistry:

*L. M. Carter, B. S., *Prof. Agr. Chem.*
*W. O. Collins, B. S., *Assoc. Prof. Soil Chem.*
‡G. L. Fuller, B. S., *Soil Specialist in State Survey.*
*M. W. Lowry, M. A., *Assoc. Prof. Soil Chem.*
*R. M. Soule, B. S., *Assoc. Prof. Agr. Chem.*
*H. C. White, Ph. D., Sc. D., *Prof. Chem.*
*C. N. Wilder, M. S., *Assoc. Prof. Agr. Chem.*
*R. C. Wilson, Ph. G., *Prof. Pharm. and Materia Medica.*

Economics (Agr.):

‡J. W. Firor, B. S., *State Supvr. Marketing.*
‡W. A. Minor, B. S., *Farm Mgt. Specialist.*
‡E. C. Westbrook, B. S., *Farm Mgt. Specialist.*

Editorial:

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‡Laura E. Blackshear, *Illustrator and in charge Educational Exhibits.*

Education (Agr.):

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*W. W. Reitz, M. S., *Assoc. Prof. Agr. Ed.*
*Epsie Campbell, B. S., *Supvr. Voc. Home Econ.*
*P. W. Chapman, B. S., *State Supvr. Voc. Agr. Ed.*
*M. D. Mobley, B. S., *Assoc. Prof. Agr. Ed., in charge Practice School.*
*L. M. Sheffer, B. S., *Assoc. Prof. Agr. Ed.*

Engineering (Agr.):

*‡S. P. Lyle, M. S. A. E., *Prof. Agr. Engin.*
‡W. E. Broach, B. S., *Field Agt. in Agr. Engin.*
*W. A. Clegg, B. S., *Assoc. Prof. Agr. Engin.*

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‡DuPre Barrett, B. S., *Field Agt. in For.*
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*Rosalie V. Rathbone, B. S., *Assoc. Prof. Textiles and Clothing.*
*Rhea C. Scott, B. S., *Assoc. Prof. Institutional Mgt.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Horticulture:
*‡T. H. McHatton, D. Sc., M. H., *Prof. Hort.*
‡G. H. Firor, B. S., *Field Agt. in Hort.*
‡H. W. Harvey, B. S., *Landsc. Gard. Specialist.*
*R. L. Keener, B. S., *Assoc. Prof. Hort.*
‡H. M. McKay, M. S., *Field Agt. in Hort.*

Veterinary Medicine:
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Miscellaneous:
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†Sarah L. Kilpatrick, *Libr., Secy.*
†Susan J. Mathews, B. S., *Nutr. Specialist.*[1]
†Catherine Newton, M. S., *Nutr. Specialist.*[1]
†Frank Van Haltern, M. S., *Assoc. Bot.* (*P. O. Tifton*).
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[1] Working in cooperation with the Georgia State College of Agriculture.

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Helene Morita, B. S., *Asst. Path.*
C. P. Sideris, Ph. D., *Path.*
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Agricultural Experiment Station, *Honolulu*

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†John Castro, *Plant Propagator.*
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‡Mabel Greene, *Ext. Agt. in Club Work.*
†R. K. Lum, B. S., *Junior Trop. Econ.*
†W. T. Pope, M. S., *Hort.*
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†H. A. Cook, A. B., *Asst. Chem.*
†D. A. Cooke, *Asst. Agr.*
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†Albert Duval, *Asst. in For.*
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†D. M. L. Forbes, *Asst. Agr.*
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†R. H. King, B. S., *Asst. Chem.*
†Y. Kutsunai, B. S., *Asst. Agr.*
†H. A. Lee, *Plant Path.*
†H. L. Lyon, Ph. D., *in charge Dept. of Bot. and For.*
†W. R. McAllep, *Sugar Tech.*
†W. L. McCleery, *Asst. Sugar Tech.*
†G. A. McEldowney, *For. Supvr. (Oahu Project).*
†J. P. Martin, B. S., *Asst. Plant Path.*
†F. Muir, *Ent.*
†Dean Palmer, *Asst. Agr.*
†C. E. Pemberton, *Asst. Ent.*
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†Twigg Smith, *Illustrator.*
†W. E. Smith, *Asst. Sugar Tech.*
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†A. J. Watt, jr., *Asst. Agr.*
†D. M. Weller, *Histol.*
†J. A. H. Wilder, A. B., *Asst. Agr.*
†F. X. Williams, Sc. D., *Asst. Ent.*
†J. E. Wist, *Supt. Vineyard Street Nursery.*

IDAHO

College of Agriculture and the Agricultural Experiment Station of the University of Idaho, *Moscow*

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*†‡E. J. Iddings, M. S., *Dean Coll. of Agr., Dir. of Sta., Dir. of Ext. Div.*

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*†H. W. Hulbert, M. S., *Prof. Agron.; Agron.*
†‡C. B. Ahlson, B. S., *Field Agron. and Seed Comr. (P. O., Boise).*
†‡Jessie C. Ayres, A. B., *State Seed Analyst (P. O., Boise).*
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*†F. L. Burkart, *Field Supt., Dept. of Agron.*
*†G. R. McDole, M. A., *Assoc. Prof. Agron.; Soil Tech.*

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*†C. W. Hickman, B. S., *Prof. An. Husb.; An. Husb.*
*†R. T. Parkhurst, B. S., *Prof. Poultry Husb.; Poultry Husb.*

Animal and Poultry Husbandry—Continued.

†R. F. Johnson, B. S., *Asst. in Feeding Invest.*
‡Pren Moore, *Poultry Specialist (P. O., Boise).*
*†J. E. Nordby, M. S., *Assoc. Prof. and Asst. An. Husb.*
†‡E. F. Rinehart, B. S., *Asst. and Field An. Husb. (P. O., Boise).*

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†C. C. Prouty, M. S., *Asst. Bact.*

Botany:

*F. W. Gail, Ph. D., *Prof. Bot.; Bot.*
*Lois Clark, Ph. D., *Asst. Prof. Bot.*

[1] Under the management of the University of Hawaii.

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*E. J. Baldwin, M. S., *Asst. Prof. Chem.*
†W. B. Bollen, Ph. D., *Asst. Agr. Chem.*
*L. C. Cady, B. S., *Instr. Chem.*
*William Cone, B. S., *Instr. Chem.*
*D. D. DuSault, B. S., *Instr. Chem.*
*J. A. Kostalek, Ph. D., *Prof. Org. Chem.*
†H. P. Magnuson, M. S., *Asst. Soil Chem.*
*A. W. Martin, B. S. Ch. E., *Asst. in Chem.*
*†R. S. Snyder, M. S., *Asst. Prof. Agr. Chem.; Assoc. Chem.*
*C. L. von Ende, Ph. D., *Prof. Chem.*

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*†G. C. Anderson, B. S., *Instr. and Asst. in Dairy Husb.*
*†H. A. Bendixen, M. S., *Assoc. Prof. Dairy Mfrs.; Asst. Dairy Husb.*
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††‡H. A. Mathiesen, B. S., *Agt. in Dairying (Coop. U. S. D. A.: P. O., Boise).*

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†G. L. Sulerud, M. A., *Asst. Agr. Econ.*

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*E. F. Mason, B. Lit., *Dir. of Pubs.*

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*B. L. Brigham, B. S., *Supvr. Pract. Teaching in Agr.*

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*†Hobart Beresford, B. S. A. E., *Asst. Prof. and Asst. Agr. Engin.*

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†R. W. Haegele, A. B., *Asst. Ent. (P. O., Twin Falls).*
††‡Claude Wakeland, M. S., *Ent. (P. O., Parma).*
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‡Marion M. Hepworth, B. S., *State Home Dem. Leader and Nutr. Specialist.*

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*E. E. Hubert, Ph. D., *Prof. For. Products.*
*H. I. Nettleton, B. S. F., *Instr. For.*
*C. W. Watson, M. F., *Asst. Prof. Silviculture.*

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*June M. Andrews, B. A., *Special Lect. in Home Econ.*
*Dorothy G. Ellis, M. A., *Assoc. Prof. Home Econ.*
*Ada B. Johnson, B. S., *Asst. Prof. Home Econ.*
*Adah Lewis, M. S., *Assoc. Prof. Home Econ.*
*Jessie B. Thornber, B. S., *Super. Pract. Teaching in Home Econ.*
*Grace Zudreele, B. S., *Asst. Prof. Art and Design.*

Horticulture:
*†C. C. Vincent, M. S., *Prof. Hort.; Hort.*
‡E. R. Bennett, M. H., *Field Hort. (P. O., Boise).*
*†L. E. Longley, M. S., *Assoc. Prof. and Assoc. Hort.*
*†C. V. Schrack, B. S., *Gardener.*

Plant Pathology:
*†C. W. Hungerford, Ph. D., *Prof. Plant Path.; Plant Path. (Coop. U. S. D. A.).*
†J. M. Raeder, M. S., *Asst. Plant Path. (Coop. U. S. D. A.).*

Veterinary Science:
*†B. L. Taylor, D. V. M., *Asst. Prof. Vet. Sci.; Vet.*

Zoology:
*J. E. Wodsedalek, Ph. D., *Prof. Zool.*

Miscellaneous:
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*†Mary B. Sweet, B. L. S., *Instr. Libr. Sci.; Libr.*

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Caldwell—D. A. Stubblefield, *Supt.*
Felt (High Altitude)—W. A. Moss, B. S., *Supt.*
Sandpoint—J. H. Christ, M. S., *Supt.*

ILLINOIS

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†Anna C. Glover, *Secy. and Mgr. of Pubs.*
†Helen H. Peffer, A. B., *Editorial Asst.*

Agronomy:
*†W. L. Burlison, Ph. D., *Head of Dept. Prof. and Chief in Crop Prod.*
†Lilburn Allen, B. S., *Asst. in Soil Survey Anal.*

Agronomy—Continued.
†J. C. Anderson, B. S., *First Asst. in Soil Fert.*
†C. J. Badger, B. S., *Assoc. in Soil Survey Expt. Fields.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.

[2] Given in College of Letters and Science.

Agronomy—Continued.

††F. C. Bauer, Ph. D., *Prof. Soils Ext., Chief in Soil Expt. Fields.*
†R. H. Bray, B. S., *First Asst. in Soil Survey Anal.*
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*†F. M. Clark, B. S., *Asst. in Soil Biol.*
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*†F. H. Crane, B. S., *Assoc. in Soil Fert.*
*†E. E. De Turk, Ph. D., *Prof. and Chief in Soil Tech., in charge Soil Anal. of Soil Survey.*
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†Benjamin Koehler, Ph. D., *Assoc. Chief in Crop Path.*
††John Lamb, jr., B. S., *Assoc. in Soil Survey Expt. Fields and in Soils Ext. (P. O., Newton).*
†A. L. Lang, B. S., *Assoc. in Soil Survey Expt. Fields (P. O., Dixon).*
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†J. E. McKittrick, M. S., *Asst. in Soil Survey Expt. Fields (P. O., Newton).*
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††H. J. Snider, M. S., *Asst. Chief in Soil Expt. Fields. Soils Ext. Work.*
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†R. W. Stark, M. S., *Assoc. in Crop Prod.*
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*†C. M. Woodworth, Ph. D., *Assoc. Prof. and Assoc. Chief in Plant Brdg.*

Animal Husbandry:

*†H. P. Rusk, M. S., *Head of Dept. Prof. and Chief in Cattle Husb.*
†J. B. Ball, B. S., *Asst. in An. Husb.*
†P. M. Baldwin, B. S., *Asst. in An. Nutr.*
†Jessie R. Beadles, B. S., *Asst. in An. Nutr.*
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*B. C. Lawson, M. S., *Instr. Agr. Ed.*
*Anna B. Robinson, A. M., *Assoc. in Home Econ. Ed.*
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Extension (Coop.):[3]
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††W. H. Smith, M. S., *State Leader of Farm Advisers, Prof. and Chief in An. Husb. Ext.*
‡J. D. Bilsborrow, B. S., *Asst. State Leader of Farm Advisers.*
‡C. E. Gates, B. S., *Asst. in Junior Club Work.*
‡E. I. Pilchard, B. S., *Specialist in Junior Club Work.*
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[1] Courses given in College of Commerce.
[2] Courses given in College of Education.
[3] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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Economics—*See* **Farm Management.**

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Engineering (Rural):

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Extension (Admin.):[1]

Director Christie *in charge.*
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‡Lella R. Gaddis, *State Home Dem. Leader.*
‡Z. M. Smith, A. M., *State Club Leader.*
‡E. L. Austin, B. S., *Assoc. State Club Leader.*
‡W. Q. Fitch, B. S., *State Leader of Farmers Institutes.*
‡G. M. Frier, B. S., *Assoc. in charge Short Courses and Exhibits.*
‡W. F. Graham, B. S., *Asst. in Short Courses and Exhibits.*
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Extension—Continued.

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‡T. R. Johnston, *in charge Informational Service.*
‡W. V. Kell, *Asst. County Agt. Leader.*
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‡Neva M. Stephenson, B. S., *Asst. State Club Leader.*

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Home Economics:[2]

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.
[2] Given in School of Science.

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Regulatory (State Chem. and Seed Work):
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[1] Noncollegiate course.

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Entomology—*See* **Zoology.**

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[1] Noncollegiate course.
[2] For subject-matter workers see the respective division, i. e., animal husbandry, bacteriology, etc.

Home Economics—Continued.

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[1] Noncollegiate course.

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*H. V. Geib, M. S., *Asst. Prof. Agron.*
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Animal Industry:

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‡M. M. La Croix, B. S., *Swine Husb. Specialist.*
‡L. E. Morgan, M. D., *Livestock and Tick Erad. Specialist.*
‡E. W. Neasham, B. S., *Dairy Specialist.*
‡F. C. Old, B. S., *Poultry Specialist.*
‡G. H. Reymond, B. S., *Asst. Dairy Specialist.*
*C. H. Staples, B. S., *Prof. Dairying.*
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Botany and Bacteriology:

*†C. W. Edgerton, Ph. D., *Prof. Bot.; Plant Path.*
†W. L. Owen, B. S., *Research Bact.*
†E. V. Abbott, Ph. D., *Asst. Plant Path.*
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*C. F. Moreland, M. S., *Assoc. Prof. Bot. and Bact.*
†E. C. Tims, Ph. D., *Asst. Plant Path.*

Chemistry:

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†J. F. Brewster, Ph. D., *Research Chem.*
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†W. P. Denson, B. S., *Asst. Chem.*
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Chemistry—Continued.
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*Raymond Freas, Ph. D., *Asst. Prof. Chem.*
†J. H. Jolly, B. S., *Asst. Chem.*
*W. A. Kramer, M. S., *Instr. Chem.*
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†J. J. Munson, B. S., *Research in Sugar Engin.*
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Editorial and Publicity:
‡B. B. Mackay, *Editor.*
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Education (Agr.):
*J. G. Lee, jr., B. S., *Prof. Agr. Ed.*
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Engineering (Agr.):
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Entomology—*See* **Zoology.**

Extension (Admin.):[1]
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‡W. B. Mercier, B. S., *Asst. Dir. and State Agt.*
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Home Economics:
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*Ethel L. Mitchell, *Cooking.*
*Irene Myers, *Dressmaking.*
*J. H. Theus, *Agr.*
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‡Rosalind M. Jewett, B. S , *State Home Dem. Leader.*
‡L. H. Shibles, A. B., *State Club Leader.*
‡M. D. Jones, B. S., *Farm Mgt. Dem.*
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Animal and Dairy Husbandry:

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Animal and Dairy Husbandry—Continued.

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[1] For subject-matter workers, see the respective division, i. e., agronomy, animal industry, etc.

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†Ellen Emack, *Asst. in Seed Insp.*
†Anna M. Hook, *Asst. in Seed Insp.*
†Olive M. Kelk, *Asst. in Seed Insp.*
†Ruth M. Mostyn, *Asst. in Seed Insp.*
†Katherine Smith, *Asst. in Seed Insp.*

Chemistry:
Director Patterson, *Sta. Chem.*
*N. E. Gordon, Ph. D., *Prof. Phys. Chem. (State Chem.).*
*L. E. Bopst, B. S., *Chem. in charge Feed and Fert. Insp.*
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Economics—*See* **Farm Management.**

Editorial—*See* **Journalism.**

Education (Agr.):[1]
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Engineering (Agr.):
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Entomology:
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‡P. D. Sanders, M. S., *Asst. Ent.*
†H. H. Shepard, B. S., *Asst. Ent.*
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Farm Management and Economics:
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*†‡S. H. DeVault, Ph. D., *Prof. and Specialist in Agr. Econ.*
†E. L. Brown, M. S., *Asst. Agr. Econ.*
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†W. P. Walker, M. S., *Asst. Agr. Econ.*

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Dean Mount *in charge, and Prof. of Home and Institutional Mgt.*
‡Jessie Campbell, B. S., *Nutr. Specialist.*
*Audrey Killiam, B. S., *Asst. in Home Econ.*
*Mrs. Frieda M. McFarland, A. B., *Prof. Textiles and Clothing.*
*Edna B. McNaughton, M. A., *Prof. Home Econ. Ed.*
*Mrs. Claribel P. Welsh, B. S., *Assoc. Prof. Foods.*

Horticulture:
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‡W. R. Ballard, B. S., *Landsc. and Veg. Gard. Specialist.*
*J. B. Blandford, *Instr. and Hort. Supt.*
*†V. R. Boswell, M. S., *Instr. and Asst. Hort.*
*†F. W. Geise, M. S., *Prof. Oler.; Veg. Brdg.*
‡L. M. Goodwin, *Canning Crops Specialist.*
†A. L. Schrader, Ph. D., *Asst. Pomol.*
*A. S. Thurston, M. S., *Assoc. Prof. Flor. and Landsc. Gard.*
‡A. F. Vierheller, M. S., *Hort. Specialist.*
†T. H. White, M. S., *Veg. and Flor. Work.*
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Journalism:
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Plant Pathology:
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[1] Courses given in College of Education.
[2] For subject-matter workers see the respective division, i. e., agronomy, animal and dairy husbandry, etc.

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†H. W. Yount, M. S., *Asst. Research Prof. Agr Econ.*

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———— ————, *Ext. Editor.*
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[1] For subject-matter workers see the respective division, i. e., animal husbandry, botany, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division, i. e., animal husbandry, botany, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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†F. B. Headley, *Chief Dept. of Farm Development.*
†J. J. McElroy, B. S., *Sci. Asst. in Farm Development.*

Education (Agr.):

*G. W. Barr, M. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):

†F. L. Bixby, C. E., *Irrig.* (*Coop. U. S. D. A.*).

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*‡Mary E. Stillwell, B. S., *Assoc. Prof. and Asst. Dir. of Ext.*

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*Jessie P. Pope, B. S., *Asst. Prof. Home Econ.*

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*G. B. Blair, A. M., *Assoc. Prof. Phys.*

Veterinary Science:

†Edward Records, V. M. D., *Vet.*
†L. R. Vawter, D. V. M., *Vet. Path.*

Miscellaneous:

†Mrs. Martha Bruce, *Libr. and Secy.*

NEW HAMPSHIRE

The College of Agriculture and the Mechanic Arts and the Agricultural Experiment Station of the University of New Hampshire, *Durham*

*College faculty. †Station staff. ‡Extension staff

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*†F. W. Taylor, B. S., *Dean Coll. of Agr. Agron.*
††J. C. Kendall, B. S., *Dir. of Sta., Dir. Ext. Service*

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††F. S. Prince, B. S., *Research and Ext. Specialist in Soils and Crops.*

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*†J. C. McNutt, B. S., *Prof. An. Husb.; An. Husb.*
†E. G. Ritzman, B. S., *Research Prof. An. Husb.*
*†A. W. Richardson, B. S., *Prof. Poultry Husb.; Poultry Husb.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Animal and Poultry Husbandry—Continued
*H. J. Bennett, B. S., *Field Instr. Poultry Husb.*
*†E. M. Gildow, D. V. M., M. S., *Instr. and Asst. Poultry Husb.*
†A. D. Littlehale, *Shepherd.*
‡F. L. McGettigan, B. S., *Ext. Poultryman.*
†M. H. Voyagis, B. S., *Asst. An. Husb.*

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*Mabel Brown, Ph. D., *Asst. Prof. Bot.*
*†F. R. Clark, M. S., *Asst. Prof. and Asst. Bot.*

Chemistry:
*†T. G. Phillips, Ph. D., *Prof. Agr. Chem.; Chem.*
*Charles James, F. I. C., *Prof. Chem.*
*H. C. Fogg, M. S., *Instr. Chem.*
*W. S. Frost, Ph. D., *Asst. Prof. Chem.*
*G. A. Perley, A. M., *Assoc. Prof. Chem.*
*†S. R. Shimer, M. S., *Instr. and Asst. Agr. Chem.*
*M. M. Smith, A. M., *Asst. Prof. Chem.*
†T. O. Smith, M. S., *Assoc. Chem.*

Dairy Husbandry:
*†J. M. Fuller, B. S., *Prof. Dairy Husb.; Dairy Husb.*
*†H. F. DePew, B. S., *Asst. Prof. and Asst. Dairy Husb.*
*B. E. Huggins, *Instr. Dairy Husb.*
‡G. L. Waugh, B. S., *Agt. in Dairying.*

Economics (Agr.):
†L. B. Lincoln, B. S., *Asst. Agr. Econ.*

Education (Agr.):
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†W. T. Ackerman, B. S. A. E., *in charge.*

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*†W. C. O'Kane, M. A., *Prof. Econ. Ent.; Ent. (State Nursery Insp.).*
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‡C. B. Wadleigh, B. S., *State Club Leader.*
‡Ann F. Beggs, *Asst. State Home Dem. Leader.*
‡Mary L. Sanborn, *Asst. State Club Leader.*
‡H. C. Woodworth, M. S., *Farm Mgt. Dem.*
†‡H. B. Stevens, A. B., *Executive Secy.*

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‡E. D. Fletcher, *Ext. For.*
*C. L. Stevens, B. S., *Asst. Prof. For.*
*†R. D. Stevens, B. S., *Instr. and Asst. For.*

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*Irma G. Bowen, B. S., *Instr. Household Arts.*
*Carrie A. Lyford, M. A., *Asst. Prof. Home Econ.*
*Mrs. Ethel H. Piper, *Instr. Home Econ.*

Horticulture:
*†G. F. Potter, M. S., *Prof. Hort.; Hort.*
*†J. R. Hepler, M. S., *Asst. Prof. and Asst. Hort.*
*†James Macfarlane, *Instr. Flor.; Florist.*
‡H. A. Rollins, M. S., *Ext. Hort.*
*†S. W. Wentworth, B. S., *Asst. Prof. and Asst. Hort.*

Physics:
*H. L. Howes, Ph. D., *Prof. Phys.*
*J. V. Adams, B. S., *Instr. Phys.*
*D. E. Higgins, M. S., *Instr. Phys.*
*Clement Moran, A. B., *Asst. Prof. Phys.*

Zoology:
*C. F. Jackson, M. S., *Prof. Zool.*
*H. M. Emery, B. S., *Instr. Zool.*
*Alma D. Jackson, M. A., *Instr. Zool.*
*Edythe M. Tingley, M. S., *Instr. Zool.*

Miscellaneous:
*†W. P. Lewis, B. L. S., M. A., *Libr.*
†‡Elizabeth E. Mehaffey, *Asst. Libr.*

NEW JERSEY

State College of Agriculture and Mechanic Arts and the Agricultural Experiment Station of Rutgers University and the State University of New Jersey, *New Brunswick*

*College faculty. †Station staff. ‡Extension staff

*J. M. Thomas, D. D., LL. D., *President of University*
*†J. G. Lipman, Ph. D., D. Sc., *Dean of Agr. and Dir. of Sta.*
†H. F. Huber, B. S., *Asst. Dir. of Sta.*
‡H. J. Baker, B. S., *Dir. Div. of Ext. in Agr. and Home Econ.*

Animal Husbandry:
*F. G. Helyar, B. S., *Prof. An. Husb. and Dir. of Short Courses.*
*W. C. Skelley, M. S., *Asst. Prof. An. Husb.*

Bacteriology:
*T. J. Murray, M. S., *Prof. Bact.*

Botany and Plant Pathology:
*†J. W. Shive, Ph. D., *Chief of Div. Prof. Plant Physiol.*
†L. G. Campbell, *Field Asst. in Plant Path.*
*M. A. Chrysler, Ph. D., *Assoc. Prof. Bot.*
†Elizabeth Clark, M. S., *Research Asst. in Plant Path.*

Botany and Plant Pathology—Continued.
*Jessie G. Fiske, M. S., *Asst. Prof. Bot. and Physiol.*
†B. R. Fudge, M. S., *Research Asst. in Plant Physiol.*
*C. M. Haenseler, Ph. D., *Instr. Bot.*
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†W. R. Robbins, M. S., *Research Asst. in Plant Physiol.*
†J. A. Sutfin, *Research Asst. in Plant Path.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.

[2] Courses given in College of Liberal Arts.

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*A. C. de Regt, M. S., *Assoc. Prof. Chem.*
*I. D. Garard, Ph. D., *Prof. Chem.*
*T. B. Gates, M. S., *Instr. Chem.*
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*E. L. Sargent, M. S., *Instr. Chem.*
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Dairy Husbandry:
*J. W. Bartlett, B. S., *Prof. Dairy Husb.*
*F. C. Button, B. S., *Assoc. Prof. Dairy Husb.*
‡E. A. Gauntt, B. S., *Asst. Specialist in Dairy Husb.*
‡E. J. Perry, B. S., *Dairy Husb. Specialist.*

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‡W. F. Knowles, A. B., *Agr. Econ. Specialist.*
†J. L. Seiler, jr., B. S., *Research Asst. in Agr. Econ.*
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*D. B. Lucas, M. S., *Instr. Agr. Engin.*

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*J. H. Clark, M. S., *Instr. Pomol.*
*C. H. Connors, B. S., *Instr. Flor.*
*A. J. Farley, B. S., *Assoc. Prof. Hort.*
‡A. F. Mason, M. S., *Fruit Growing Specialist.*
*†G. T. Nightingale, Ph. D., *Biochem. in Hort.*
‡C. H. Nissley, B. S., *Veg. Growing Specialist.*
*L. G. Schermerhorn, B. S., *Assoc. Prof. Veg. Gard.*

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*A. L. Greenlees, Ph. D., *Instr. Phys.*
*D. D. Porter, A. M., *Instr. Phys.*
*F. R. Pratt, Ph. D., *Prof. Phys.*

Poultry Husbandry:
*‡W. H. Allen, B. S., *Actg. Head of Dept.*
*F. R. Beaudette, D. V. M., *Asst. Prof. Poultry Path.*
‡L. M. Black, B. S., *Asst. Specialist in Poultry Husb.*
*C. S. Platt, M. S., *Instr. Poultry Husb.*
*W. C. Thompson,[3] B. S., *Prof. Poultry Husb.*

Soils and Crops:
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‡H. R. Cox, M. S., *Agron. Specialist.*
†R. J. DuBos, *Research Asst. in Soil Microbiol.*
†J. S. Joffe, Ph. D., *Research Asst. in Soils.*
†H. C. McLean, Ph. D., *Soil Bact.*
*G. W. Musgrave, M. S., *Assoc. Prof. Agron.*
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*H. B. Sprague, M. S., *Instr. Agron.*
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†Clara H. Wark, *Lab. Asst.*
†H. W. Winsor, *Field Asst. in Soils.*

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*T. C. Nelson, Ph. D., *Assoc. Prof. Zool.*

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*G. A. Osborn, A. M., *Libr.*
‡Mildred B. Murphey, B. S., *Home Dem. Agt. at large.*
‡B. F. Ramsburg, B. S., *Club Agt. at large.*
‡E. L. Scovell, B. S., M. F., *Farm For. Specialist.*

[1] For subject-matter workers see the respective division, i. e., animal husbandry, bacteriology, etc.
[2] Courses given in the College for Women.
[3] On leave.

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†Station staff

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†H. F. Huber, B. S., *Asst. Director.*

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†Frank Groendyke, *Fert. and Feed Sampler.*
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†F. C. Button, B. S., *Asst. Dairy Husb.*
†Fred Gauntt, *Dairy Herdsman.*
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†J. M. Ginsburg, Ph. D., *Biochem. in Ent. Invest.*
†C. C. Hamilton, M. S., *Assoc. Ent.*
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†Carl Ilg, *Lab. Asst.*
†F. W. Miller, *Asst. Ent.*
†L. A. Stearns, M. S., *Asst. Ent.*

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†H. G. Bailey, *Veg. Gard. Foreman.*
†H. M. Biekart, B. S., *Florist.*
†J. H. Clark, M. S., *Asst. Pomol.*
†C. H. Connors, B. S., *Assoc. in Plant Brdg.*
†A. J. Farley, B. S., *Pomol.*
†G. T. Nightingale, Ph. D., *Biochem. in Hort.*
†L. G. Schermerhorn, B. S., *Oler.*
†C. H. Steelman, *Orchard Foreman.*

Plant Pathology:
†W. H. Martin, Ph. D., *Plant Path.*
†C. M. Haenseler, Ph. D., *Assoc. Plant Path.*

Poultry Husbandry:
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†W. H. Allen, B. S., *Actg. Poultry Husb.*
†J. A. Beatty, *Foreman, Egg-Laying Contests.*
†F. R. Beaudette, D. V. M., *Poultry Path.*
†J. J. Black, D. V. M., *Asst. Poultry Path. (P. O., Vineland).*
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†W. S. Hamilton, *Foreman, Egg-Laying Contests.*
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†Sadie L. Boyce, *Asst. Seed Analyst.*
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†J. A. Small, B. S., *Seed Insp.*
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Dean Lipman, *Soil Chem. and Bact.*
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†E. E. Evaul, B. S., *Research Asst. in Farm Crops.*
†L. L. Lee, B. S., *Research Specialist in Land Utilization.*
†H. C. McLean, Ph. D., *Soil Bact.*
†G. W. Musgrave, M. S., *Agron.*
†A. L. Prince, M. S., *Asst. Soil Chem.*
†H. B. Sprague, M. S., *Asst. Agron.*

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†W. H. Dumont, M. S., *Oyster Research Specialist.*

Miscellaneous:
†J. W. Bellis, *Farm Mgr.*
†G. A. Osborn, A. M., *Libr.*
†Elizabeth G. Skillman, B. S., *Asst. Libr.*

Substations:
Cranberry Sta., *P. O., Whitesbog—*
C. S. Beckwith, M. S., *in charge.*
B. F. Driggers, M. S., *Asst. in Cranberry Invest.*
C. D. Jones, M. S., *Biochem. in Cranberry and Blueberry Invest.*

[1] On leave.

NEW MEXICO

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*†Fabian Garcia, M. S., *Dir. of Sta.*
‡C. F. Monroe, M. Agr., *Dir. of Ext. Service*

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*†J. C. Overpeck, M. S., *Prof. Agron.; Agron.*
*†W. T. Conway, B. S.. *Asst. Prof. and Asst. Agron.*
*†H. V. Jordan, M. A., *Asst. Prof. and Asst. Agron.*
‡G R. Quesenberry, B. S., *Ext. Agron.*

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*†O. C. Cunningham, B. S., *Prof. Dairying; Dairyman.*
*†L. N. Berry, B. S., *Prof. Poultry Husb.; Poultryman.*
‡E. E. Anderson, B. S., *Dairy-Poultry Specialist*
*†W. F. Dickson, M. S., *Asst. Prof. and Asst. An. Husb.*

Biology:
*†R. F. Crawford, M. S., *Prof. Biol.; Biol.*
*†P. M. Gilmer, Ph. D., *Assoc. Prof. Biol.; Ent.*

Chemistry:
*†C. W. Botkin, A. M., *Prof. Chem.; Chem.* (*State Chem.*).
*†G. R. Hamiel, M. A., *Asst. Prof. and Asst. Chem.*
*†A. J. Pinckney, M. S., *Asst. Prof. and Asst. Chem.*
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†A. L. Walker, M. S., *Agr. Econ.*

Editorial:
†C. P. Wilson, M. S., *Editor and Secy.*

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*C. D. Bohannan, A. B., *Prof. Agr. Ed. and Vice Dean Coll. of Agr.*

Engineering (Agr.):
*H. O. Garst, C. E., *Prof. Irrig. Engin.*
†D. W. Bloodgood, B. S. M. E., *Irrig. Engin.* (*Coop. U. S. D. A.*).
†A. S. Curry, B. S., *Asst. in Irrig.*

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‡L. H. Hauter, M. S., *Asst. Dir.*
‡H. S. Moles, B. S., *Asst. Dir., Western Div.*
‡Grace B. Long, B. S., *State Home Agt.*
‡Veda Strong, B. S., *Asst. State Home Agt.*
‡Edith Whitehurst, M. S., *Asst. State Home Agt.*

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*Margaret A. O'Loughlin, M. S., *Asst. Prof. Home Econ.*

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*J. W. Rigney, B. S., *Asst. Prof. Hort.*

Miscellaneous:
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NEW YORK

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†W. T. Craig, *Asst. in Cereal Invest.* (*Coop. U. S. D. A.*).
‡L. A. Dalton, B. S., *Ext. Asst. Prof. Field Crops.*
†Leah English, B. S., *Analyst in Agron.*

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*†J. K. Wilson, Ph. D., *Prof. Soil Tech.*
*‡E. L. Worthen, M. S., *Ext. Prof. Soil Tech.*

[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Given in School of General Science.
[3] All members of the college faculty do experimental work as required.
[4] On leave.

Animal Husbandry:
*†‡H. H. Wing, M. S., *Prof. and Head of Dept.*
*C. L. Allen, Ph. D., *Asst. Prof. An. Husb.*
‡W. T. Crandall, M. S., *Ext. Asst. Prof. An. Husb.*
‡W. T. Grams, B. S., *Ext. Instr. An. Husb.*
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[1] Under jurisdiction of the commissioner of agriculture (*post office, Raleigh*), cooperating with the station in research.

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[1] Under jurisdiction of the commissioner of agriculture (*post office, Raleigh*), cooperating with the station in research.

[2] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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‡E. B. Tussing, B. S., *Veg. Gard. Specialist.*

Journalism:

‡J. E. McClintock, B. S., *Editor.*
‡J. R. Fleming, B. S., *Asst. Editor.*
‡C. E. Wilson, A. B., *Asst. in Photog. and Illustrations.*

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*E. L. Dakan, B. S., *Head of Dept.*
‡R. E. Cray, B. S., *Poultry Specialist.*
‡G. S. Vickers, B. S., *Poultry Specialist.*

[1] See also experiment station staff, p. 59.

[2] For subject-matter workers see the respective division, i. e., animal husbandry, botany, etc.

Soils:
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- ‡M. V. Bailey, B. S., *Soils Specialist.*
- ‡E. E. Barnes, B. S., *Soils Specialist.*
- *G. W. Conrey, Ph. D., *Asst. Prof. Soils.*[1]
- *G. M. McClure, M. S., *Asst. Prof. Soils.*
- ‡J. A. Slipher, B. S., *Soils Specialist.*
- *C. L. Thrash, M. S., *Instr. Soils.*

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- *D. W. Ashcraft, *Instr. Vet. Anat.*
- *R. A. Hendershott, D. V. M., *Instr. Vet. Path.*
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- *W. M. Barrows, D. Sc., *Prof. Zool.*
- *D. M. DeLong, Ph. D., *Prof. Ent.*
- *J. S. Hine, B. S., *Assoc. Prof. Zool. and Ent.*
- *C. H. Kennedy, Ph. D., *Asst. Prof. Ent.*
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- *R. N. McCormick, M. S., *Instr. Zool.*
- *D. F. Miller, M. A., *Instr. Zool.*
- *Herbert Osborn, D. Sc., *Research Prof. Zool. and Ent.*[1]
- ‡T. H. Parks, M. S., *Ent. Specialist.*
- *Hugh Setterfield, M. S., *Instr. Zool.*
- *Mary Waters, A. B., *Asst. in Zool.*

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- †H. W. Batchelor, B. S., *Asst. Agron. (Soils).*
- †L. D. Baver, B. S., *Asst. in Agron. (Soils).*
- †F. E. Bear, Ph. D., *Assoc. in Agron. (Soils: P. O., Columbus).*
- †G. W. Conrey, Ph. D., *Assoc. in Agron. (Soils: P. O., Columbus).*
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- †Curtis May, M. A., *Asst. Plant Path.*
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- †R. C. Thomas, M. A., *Assoc. Plant Path.*
- †P. E. Tilford, B. S., *Asst. Plant Path.*
- †R. B. Wilcox, M. S., *Assoc. Plant Path.*

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- †L. G. Foster, A. M., *Asst. (P. O., Columbus).*
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- †Joseph Polivka, M. S., *Asst. Ent. (P. O., Oak Harbor).*

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[1] See also experiment station staff, below.

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†C. W. Ellenwood, *Asst. Hort.*
†F. S. Howlett, Ph. D., *Asst. Hort.*
†I. P. Lewis, B. S., *Asst. Hort.* (*P. O., Marietta*).
†Roy Magruder, B. S., *Asst. Hort.*
†J. S. Shoemaker, Ph. D., *Asst. Hort.*

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†Sarah Painter, A. B., *Libr.*

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J. T. Wilson, *Supt.*
Southeastern Test Farm, *Carpenter*—
S. C. Hartman, M. S., *Supt.*
Southwestern Test Farm, *Germantown*—
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G. M. DeGroft, B. C. S., *Supt.*
Clermont County Expt. Farm, *Owensville*—
W. E. Weaver, *Supt.*
Hamilton County Expt. Farm, *Mt. Healthy*—
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Miami County Expt. Farm, *Troy*—
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Paulding County Expt. Farm, *Paulding*—
H. R. Hoyt, *Supt.* (*P. O., Wooster*).
Trumbull County Expt. Farm, *Cortland*—
C. H. Crawford, B. S., *Supt.*
Washington County Expt. Farm, *Fleming*—
S. C. Hartman, M. S., *Supt.*
Washington County Truck Farm, *Marietta*—
O. N. Riley, *Foreman.*

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‡P. G. Adams, B. S., *Ext. An. Husb.*
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*O. C. Schultz, B. S., *Assoc. Prof. Bot. and Plant Path.*
*†Robert Stratton, M. A., *Asst. Prof. and Asst. Bot. and Plant Path.*

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*Ruth Gerber, *Instr. Chem.*
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*A. H. Koschmann, M. S., *Instr. Chem. and Geol.*
*C. L. Nickolls, M. S., *Assoc. Prof. Chem.*
*H. A. H. Pray, Ph. D., *Assoc. Prof. Chem.*
*S. R. Wood, M. S., *Asst. Prof. Chem.*

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*†R. B. Becker, Ph. D., *Assoc. Prof. and Assoc. Dairy Husb.*
‡J. W. Boehr, M. S., *Ext. Dairy Husb.*
*†A. D. Burke, M. S., *Assoc. Prof. and Assoc. Dairy Husb.*
*O. C. Cooper, B. S., *Asst. in Dairying, Herdsman.*
*†P. C. McGilliard, B. S., *Asst. Prof. and Asst. Dairy Husb.*

Economics (Agr.):
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*L. D. Howell, M. S., *Assoc. Prof. Agr. Econ.*
*†W. W. Fetrow, Ph. D., *Prof. Agr. Econ.; Agr. Econ. and Farm Mgt.*
‡G. W. Vincent, *Livestock Marketing Specialist.*

Editorial:
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Education (Agr.):
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*P. M. Hewitt, M. S., *Asst. Prof. Agr. Ed.*
*D. M. Orr, B. S., *Asst. Prof. Agr. Ed.*

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‡G. E. Martin, B. S., *Farm Engin. Specialist.*
*W. E. Stanford, B. S. A. E. *Instr. Agr. Engin.*

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*†G. A. Bieberdorf, B. S., *Asst. Prof. and Asst. Ent.*
*†W. J. Brown, M. S., *Instr. and Asst. Ent.*
*H. J. Child, A. M., *Asst. Prof. Zool.*
*†G. A. Moore, B. S., *Instr. and Asst. Zool.*
‡C. S. Rude, B. S., *Ent. Specialist.*
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‡B. A. Pratt, M. S., *State Club Agt.*
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*Ethel E. Davis, M. A., *Prof. and Head Dept. of Household Arts.*
*Julia Robertson, A. M., *Prof. and Head Dept. of Teacher Training.*
*Florence Schertz, M. A., *Prof. and Head Dept. of Household Sci.*
*Sue Blondell, B. S., *Instr. Household Arts.*
*Hilda Brockman, B. S., *Asst. Prof. Household Sci.*
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Home Economics—Continued.
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‡Martha R. McPheeters, B. S., *Food and Nutr. Specialist.*
*Minnie B. Myers, B. S., *Instr. Household Sci.*
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*Ruth H. Remund, M. S., *Instr. Home Econ.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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*C. E. Owens, M. A., *Assoc. Prof. Plant Path.*
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*R. E. Lothrop, B. S., *Instr. Chem.*
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†R. H. Robinson, M. S., *Chem.*
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*E. B. Mittelman, Ph. D., *Assoc. Prof. Econ. and Sociol.*
*V. P. Morris, Ph. D., *Instr. Econ. and Sociol.*
*J. F. Page, Ph. D., *Asst. Prof. Econ. and Sociol.*
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*Clair Wilkes, B. S., *Instr. Farm Mgt.*

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*J. T. Turner, B. S., *Critic Teacher in Voc. Ed.*
*H. H. White, B. S., *Critic Teacher in Agr. Ed.*

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*H. S. Rogers, B. S., *Prof. Irrig. Engin.*
*G. V. Skelton, C. E., *Prof. Highway Engin.*
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*A. E. Jensen, *Instr. Agr. Engin.*
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*Joseph Wilcox, B. S., *Asst. Ent.*

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[1] For subject-matter workers see the respective division, i e., animal husbandry, bacteriology, etc.

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*Florence E. Blazier, M. A., *Prof. Home Econ. Ed.*
*A. Margaret Bowers, Ph. B., *Prof. Institutional Mgt.*
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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*M. B. Sturgis, B. S., *Instr. Agron.*

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*G. P. Grout, M. S., *Head Prof. Dairy Husb.*
†R. M. Sherwood, M. S., *Chief Div. Poultry Husb.*
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*††Byron Alder, B. S., *Assoc. Prof. Poultry Husb.; Poultryman.*

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*H. L. Blood, *Asst. in Bot. and Plant Path.*
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[1]For subject-matter workers see the respective division, i. e., agronomy, animal and poultry husbandry, etc.

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[1] For subject-matter workers see the respective division, i e., agronomy, animal industry, etc.

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[1] On leave.
[2] State Crop Pest Commission Work.
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[1]For subject-matter workers see the respective division, i. e., animal husbandry, bacteriology, etc.

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Editorial—*See* **Journalism.**

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[1] For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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Miscellaneous:
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[1] For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.
[2] Given in College of Education.

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